

Converting Colors

Hex(62448A)

Have a look what the booklet for
Hex(62448A) contains.

Hex(62448A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(62448A)

Conversions

Conversions Part 1

Format	Color
Hex	62448A
RGB	98, 68, 138
RGB Percent	38%, 27%, 54%
CMY	0.6157, 0.7333, 0.4588
CMYK	0.29, 0.51, 0.00, 0.46
HSL	266°, 34%, 40%
HSV	266°, 51%, 54%
XYZ	11.6916, 8.5659, 25.0819
YIQ	84.9500, -4.5900, 28.1300

Conversions

Conversions Part 2

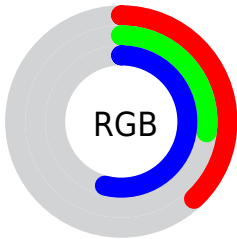
Format	Color
R_{YB}	98, 68, 138
Decimal	6440074
CIE _{Lab}	35.13, 28.26, -34.44
CIE _{LCh}	35, 44.547, 309.369
Yxy	8.5659, 0.2579, 0.1889
Android (android.graphics.Color)	4284630154 (0xFF62448A)
YUV	84.9500, 26.1537, 11.4449
Hunter-Lab	29.2675, 20.0876, -30.3235

Details

The Hex color **62448A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **6C8A44**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9775C0**, and **301757** is the 20% darker color. If you saturate the color by 10%, you get **5A368A**, and if you desaturate by 10%, it is **6A528A**.

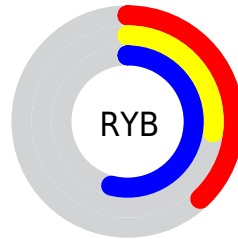
Distribution



Red (38%)

Green (27%)

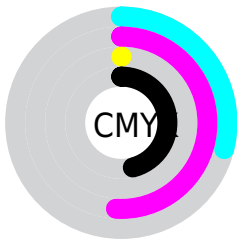
Blue (54%)



Red (38%)

Yellow (27%)

Blue (54%)

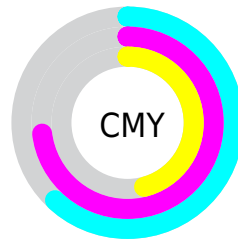


Cyan (29%)

Magenta (51%)

Yellow (0%)

Black (46%)



Cyan (62%)

Magenta (73%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62448A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 62448A by changing the saturation by 10% instead.

■ 62448A

■ 62448A

FFFFFF

■ 492D70

■ 9775C0

■ 301757

■ B28FDC

■ 180040

■ CEA9F9

■ 000029

■ EBC5FF

■ 000113

■ FFE1FF

■ 000000

FFFEFF

■ 62448A

■ 62448A

■ 5A368A

■ 6A528A

■ 52288A

■ 72608A

■ 4A1B8A

■ 7A6D8A

■ 420D8A

■ 827B8A

■ 3B008A

■ 89898A

■ 91978A

■ 99A58A

■ A1B28A

■ A9C08A

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



085399



62448A



85346C

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62448A



774808



00635D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62448A



6C8A44

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006138



62448A



5A5500

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62448A



8C3827



335D16



00627F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62448A



902E55



335D16



006351

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62448A



A398B3



446D8A



504959



D9D9D9



595959

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62448A



7446B3



84448A



413E45



390085



020005

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8A446C



B34684



4A8A44



453E42



85004C



050003

Previews

White Background



This preview shows how the Hex color 62448A looks on a white background.

Color Contrast Check

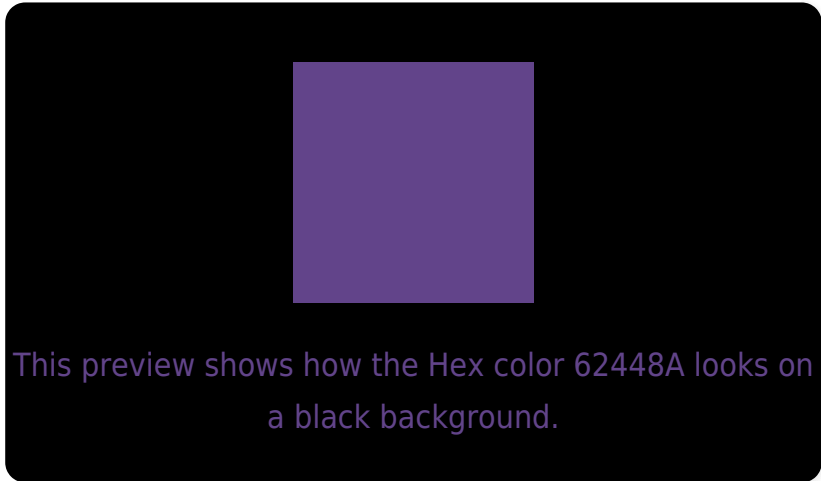
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

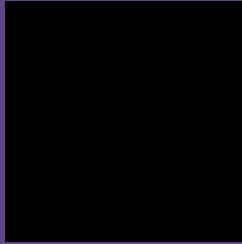
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 62448A Background



This preview shows how black text looks on a background with the Hex color 62448A.



This preview shows how white text looks on a background with the Hex color 62448A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
62448A

Protanopia
315196

Deuteranopia
335387



Tritanopia
585057

Trichromacy



Original Color
62448A

Protanomaly
434C92

Deuteranomaly
444E88

Tritanomaly
5C4C6A

Monochromacy



Original Color
62448A

Achromatopsia
555555

Achromatomaly
5A4F68

CSS Examples

Text

The CSS property to change the color of the text to Hex 62448A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #62448A looks like.

```
.text, #text, p{  
    color:#62448A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #62448A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62448A
}
```

Border

The CSS property to change the border of an element to Hex 62448A is called "border". The border property can be set on classes, ids or directly on the HTML element.

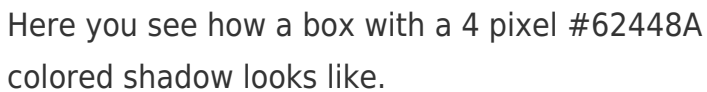
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62448A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#62448A }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #62448A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62448A; -webkit-box-shadow:4px 4px  
4px 4px #62448A; box-shadow:4px 4px 4px  
4px #62448A }
```

Background

The CSS property to change the background color of an element to Hex 62448A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62448A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#62448A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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